

REFORMULATED REDUCED POLLUTION DIESEL FUEL

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Abstract

A reformulated diesel fuel, a method of making and a method of using the diesel fuel to reduce pollution are disclosed. The diesel fuel meets the requirements of ASTM D975-96a for a low sulfur number 2 diesel fuel and provides reduced emission benefits relative to a certified diesel fuel, certified under Section 2282(g) Title 13, California Code of Regulations and containing less than 15 volume percent aromatics having a natural centane number of at least 55, a sulfur content less than 15 ppmw, a nitrogen content less than 10 ppmw, a polycyclic aromatics content no greater than 1.5 weight percent and an initial boiling point of at least 350 degrees F. The method of making includes hydrotreating stream (12) in a vessel (10) and hydrocracking a stream (20) in a vessel (24) in order to obtain a diesel range fraction which is separated to obtain a diesel fuel (48) and a gasoline fraction (44).

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